

## EAST Search History

| Ref # | Hits | Search Query     | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------|--|------------------|---------|------------------|
| L1    | 107  | 348/511.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:26 |
| L2    | 1901 | 313/582.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:26 |
| L3    | 293  | 313/583.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:27 |
| L4    | 1072 | 313/631.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:28 |
| L5    | 594  | 313/231.31.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:29 |
| L6    | 216  | 348/14.07.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:29 |
| L7    | 7    | 348/23.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:30 |
| L8    | 21   | 348/93.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 08:55 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L9  | 42   | 345/70.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:33 |
| L10 | 899  | 345/55.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:33 |
| L11 | 113  | 345/62.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:34 |
| L12 | 3129 | plasmas and display and glow<br>near4 discharge | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:52 |
| L13 | 0    | I12 and I1                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:35 |
| L14 | 122  | I12 and I2                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:35 |
| L15 | 19   | I12 and I3                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:35 |
| L16 | 22   | I12 and I4                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:50 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| L17 | 4     | I12 and I5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:50 |
| L22 | 11721 | (PLASMA AND tv)".AB",  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:52 |
| L23 | 315   | (Plasmas and gas same (cavity or slot) and display and glow near4 discharge) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 09:15 |
| L24 | 0     | I23 and I1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L25 | 12    | I23 and I2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L26 | 1     | I23 and I3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L27 | 6     | I23 and I4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L28 | 2     | I23 and I5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |

## EAST Search History

|     |     |                            |  |    |    |                  |
|-----|-----|----------------------------|--|----|----|------------------|
| L29 | 0   | I23 and I6                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L30 | 0   | I23 and I7                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L31 | 0   | I23 and I8                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 08:54 |
| L32 | 101 | I23 and @pd<="20000801"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 09:29 |
| L33 | 63  | (HD near TV).ab.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 09:30 |
| L34 | 3   | I33 and plasma and display | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 09:30 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 333  | (small or mini or tiny or little )<br>near4 plasma near4 display   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:30 |
| L2    | 1569 | 315/169.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:27 |
| L3    | 529  | 315/169.2.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:27 |
| L4    | 2602 | 315/169.3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:27 |
| L5    | 1276 | 315/169.4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:27 |
| L6    | 1    | l1 and substrate and gas with<br>(cavity or slot\$1) and (matrix or<br>(row and column) or (scan and<br>data)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:32 |
| L7    | 10   | l1 and substrate and gas and(cavity<br>or slot\$1) and (matrix or (row and<br>column) or (scan and data))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:33 |
| L8    | 8    | l7 and (TV or television)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/14 04:38 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| L9  | 24057 | plasma and display and (TV or television)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 04:38 |
| L10 | 207   | substrate and slot and cavity and HDTV   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 04:38 |
| L11 | 164   | l9 and l10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 05:22 |
| L12 | 15    | "3532809"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 05:43 |
| L15 | 169   | glow near4 discharge and gas with cavity and ((row and column) or (matrix) or (scan and data)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 05:49 |
| L16 | 81    | l15 and puls\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 05:49 |
| L17 | 39    | l16 and @pd<="20000801"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/14 05:54 |